

**Waste Tire Facilities
CLOSURE PLAN**

General Information: (please print or type)

1. Facility Name: _____
2. Facility Mailing Address and Location:
Street _____
City _____ County _____ ZIP _____-_____
3. Site Operator's Name: _____
Mailing Address: _____

Phone: (_____)_____
4. Property Owner Name: _____
Mailing Address: _____

Phone: (_____)_____

PART A

The operator shall attach to this form a written cost estimate in accordance with Part C, in current dollars, of the cost of hiring a third party to close the major waste tire facility. Parts B and C shall be based on the maximum quantity of waste tires that the operator intends to store during the five year permit period as specified in the Operation Plan, Form CIWMB 501 (10/92).

PART B

The operator shall provide the following information to the Board prior to the commencement of closure:

1. A closure schedule with a time period for completion
2. Details of the final disposition of the waste tires and waste tire products, in accordance with section 18441(a). Include the name of each business that will receive the waste tires and the amounts. Provide also the address and phone number for each business.
3. A description of how the closure requirements of Section 18441 of this Chapter will be met (attach additional pages if necessary):_____

PART C

CLOSURE COST
ESTIMATE WORKSHEET

The estimate shall be completed by the operator/owner or duly recognized representative to include the following information:

- 1) The name, address, and telephone number of the authorized waste tire facility, where waste tires will be taken upon closure.
- 2) The cost estimate for a third party to cleanup the site along with the detail of how this estimate was calculated, as described below. The estimate shall be developed for the activities anticipated for closure including disposition of waste tires and tire residues, equipment, labor and administration. Attach the cost estimate and all supporting documentation used in arriving at the closure cost estimate.

Calculate the Total Closure Cost Estimate in dollars for the waste tire facility being closed using the following formula:

Total Closure Cost Estimate (TCC) = 1.2 x (Transportation Cost + Destination Charge + Loading Cost + Administration Cost + Security Cost)

Where:

"Transportation Cost" represents the total cost of transportation for all loads of tires leaving the facility as well as the cost of the vehicles returning. The transportation cost shall be computed using the following formula:

$$\text{Transportation Cost (\$)} = M \times MT \times TC$$

Factor "M" (miles) represents the total distance (Round Trip Mileage) to be covered by a vehicle transporting a load, from the closing facility to a facility selected by the operator that would accept the waste tires in the form that they are, or will be stored (e.g., shreds vs. whole). The destination facility shall meet the criteria in section 18441(a) of Article 6, Chapter 6.

Factor "MT" (number of round trips) represents the number of truck loads of waste tires that will be required during the cleanup. The number of truck loads for a particular size waste tire is determined by dividing the total number of waste tires that are of one size (e.g., passenger) by the number of waste tires of that size that can fit into one truck load. Fewer large tractor tires can be hauled by the same truck that is also used for passenger tires. "MT" should be based on the maximum number of loads that will be necessary to clear the site. This will be based on the maximum quantity of waste tires that the operator is seeking a permit to store as specified in the Operation Plan, Form CIWMB 501 (10/92); however, the method of storage shall be taken into consideration. For example, if the operator intends to store only shredded waste tires in the future, but is presently storing whole waste tires, the calculations should be based on whichever storage condition requires the greatest cleanup cost.

Factor "TC" (\$ per load per mile) represents the cost per mile to transport a load of waste tires. The cost includes the average expenses for transportation equipment, fuel, driver wages, tolls, and the vehicles maintenance. This cost will vary based on the size of vehicle.

The "Destination Charge" represents the total cost of tipping fees or disposal fees for all loads of waste tires transferred from the cleanup site to the destination facility. The Destination Charge shall be computed using the following formula:

$$\text{Destination Charge (\$)} = MT \times TF$$

Factor "MT" is described above.

Factor "TF" (\$ per load) represents the cost to deposit waste tires at the destination facility. This may be a tipping fee or a disposal fee. If the fee is expressed in dollars per ton then this number must be multiplied by the weight of the load in order to yield dollars per load. The tipping fee should be based on the form of the waste tires (e.g., shreds vs. whole)

"Loading Cost" represents the total cost of loading all loads of tires in to vehicles at the closure facility and unloading the vehicles at the final destination. "Loading Cost" shall be computed using the following formula:

$$\text{Loading Cost (\$)} = \text{MT} \times \text{LC}$$

Factor "MT" is described above.

Factor "LC" (\$ per load) represents the unit cost to load one vehicle with waste tires at the closing facility, and to unload the same waste tires at the final destination. This cost includes operational expenses which cover wages for workers and pro rated expenses for rental or lease of equipment and machinery.

"Administration Cost" (\$) represents the total cost of administration activities for the entire closure operation. This cost shall include the wages for personnel overseeing the cleanup activities and other operating expenses for the entire project.

"Security Cost" (\$) represents the total cost of security arrangements for entire closure operation. This is the cost to secure the site and restrict public access. This cost covers the expenses for the entire cleanup operation and includes installations of site fence, installations or repair of lighting, and wages for security guards, etc.

- Note:
- 1) Total Closure Cost Estimation will vary according to the facility's design and operation as presented in the Operation Plan, Form CIWMB 501 (10/92).
 - 2) All costs will be added and then multiplied by the contingency factor of 1.2 to estimate Total Closure Cost for the cleanup.
 - 3) Any deviations from the above formula must be explained.
 - 4) Complete a separate closure cost estimate worksheet if the waste tires are to be transported to more than one point of destination.

OPERATOR CERTIFICATION

Operator certification: I certify that this document and all attachments were prepared under my direction or supervision. I have inquired of the person or persons who manage the system or those persons directly responsible for gathering the information, and certify that the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

Operator Signature

Date